

43016-D/JPW/ARC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Philip O. Livingston and Friedhelm Helling
Serial No. : 08/477,147 Examiner: Julie Staples
Filed : June 7, 1995 Group Art Unit: 1802
For FAX CENTER : GANGLIOSIDE-KLH CONJUGATE VACCINES PLUS QS-
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MAY 06 1996

GROUP 1800

1185 Avenue of the Americas
New York, New York 10036
May 6, 1996

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

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THIRD PRELIMINARY AMENDMENT

Please amend the subject application as follows:

In the claims:

Please cancel claims 1-20 and 42-43 without prejudice of applicants' right to pursue them in the future continuation or divisional application.

Please add following new claims:

--44. (New) A method for stimulating or enhancing in a subject production of antibodies which recognize a ganglioside comprising administering to the subject an effective dose of a vaccine comprising an amount of ganglioside or oligosaccharide portion thereof conjugated to an immunogenic protein effective to stimulate or enhance antibody production in the subject, an effective amount of adjuvant and a pharmaceutically acceptable vehicle. --

--45. (New) The method of claim 44 wherein the ganglioside

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Docket No. 43016-D/JFW/AKC

In re application of: Philip O. Livingston and Friedhelm Helling

Serial No.: 08/477,147

Examiner: Julie Staples

Filed: June 7, 1995

Group Art Unit: 1802

For: GANGLIOSIDE-KLM CONJUGATE VACCINES PLUS QS-21

May 6, 1996

HONORABLE ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

S I R:

Transmitted herewith is an amendment to the above-identified application.

- ☒ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.
- ☐ a verified statement to establish small entity status under 37 C.F.R. §1.9 and §1.27 is enclosed.
- ☒ No additional fee is required

The filing fee is calculated as follows:

	NUMBER AFTER AMEND- MENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	NUMBER OF EXTRA CLAIMS PRESENTED		RATE		FEE	
					SMALL ENTITY	OTHER ENTITY	SMALL ENTITY	OTHER ENTITY
Total Claims	13	20	0	X	11	22	0	--
Independent Claims	3	1	0	X	39	78	0	--
Multiple Dependent Claims(s) Presented <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No For First Time:					125	250	0	--
					TOTAL ADDITIONAL FEE		\$ 0	

- *If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 20, write "20" in this space.
- **If the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than 3, write "3" in this space.
- ***If the difference between the "NUMBER AFTER AMENDMENT" and the "HIGHEST NUMBER PREVIOUSLY PAID FOR" is less than "0", write "0" in the space.

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Philip O. Livingston and Friedhelm Helling

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Amendment Transmittal Letter
Page Two

The "HIGHEST NUMBER PREVIOUSLY PAID FOR" (Total or Independent) is the highest of the "NUMBER AFTER AMENDMENT" in any prior amendment or the number of claims as originally filed.

____ Please charge Deposit Account No. _____
in the amount of \$ _____.

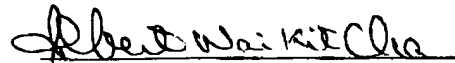
____ A check in the amount of \$ _____ is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-3125. Three copies of this sheet are enclosed.

☒ Any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,



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